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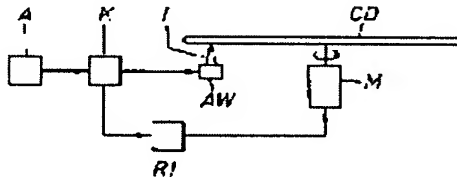
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(54) METHOD FOR RECORDING AND REPRODUCING DATA

(57)Abstract:

PURPOSE: To effectively use the storage capacitance of a recording carrier by controlling the speed of the recording carrier at the time of recording and reproducing data, while depending on a compression degree.

CONSTITUTION: A data recording device A supplies digital-form data to a compressing equipment K by a prescribed time pattern. The compressing equipment K compresses data in accordance with a prescribed algorithm and records it in a magnetooptical disk CD. At this time, the speed of revolution of a motor M is controlled in accordance with the compression degree with a controller R1 at the control output side of the compressing equipment K. At the time of reproduction, the speed of revolution is controlled so as to be equal to the speed of revolution of the motor M at the time of recording. Thus, the speed of the disk is reduced at the time of the high compression degree and heightened at the time of the low compression degree. Therefore, the storage capacitance is efficiently exhausted so that recording and reproducing without a loss are executed.



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